

FIGURE 1

Inventors: Hansen et al.
Attorney Docket No.: P-TB 5067

SEQUENCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	9	0	0	0	0	0	0	0	0	5	2	1	0	0	0
2	0	9	1	6	3	0	0	3	1	0	0	0	0	0	0
3	0	0	9	4	4	0	0	5	1	0	0	0	0	0	1
4	0	6	4	9	3	0	1	2	0	0	0	0	2	0	0
5	0	3	4	3	9	0	3	7	0	0	0	0	0	0	0
6	0	0	0	0	0	9	0	0	1	0	0	0	0	0	0
7	0	3	5	1	3	0	9	3	0	0	0	0	0	0	0
8	0	1	1	2	7	0	3	9	0	0	0	0	0	0	0
9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
10	5	0	0	0	0	0	0	0	9	0	1	3	2	0	3
11	2	0	0	0	0	0	0	0	0	1	9	2	0	0	0
12	1	0	0	0	0	0	0	0	0	3	2	9	0	0	0
13	0	0	0	0	0	2	0	0	2	0	0	0	9	6	5
14	0	0	0	0	0	3	0	0	4	0	0	0	0	9	1
15	0	0	0	0	0	1	0	0	3	0	0	0	5	1	9

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SEQUENCE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1	9	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	2	9	0	0	0	0	0	0	0	0	0	0	0	0
4	5	3	1	9	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIGURE 2

TABLE 1

SEQUENCE	1	12	11	10	8	7	4	3	2	5	6	14	13	9	15
1	9	1	2	5	0	0	0	0	0	0	0	0	0	0	0
12	1	9	2	3	0	0	0	0	0	0	0	0	0	0	0
11	2	9	1	9	0	0	0	0	0	0	0	0	0	0	0
10	2	3	1	1	0	0	0	0	0	0	0	0	0	0	0
8	5	3	9	0	9	3	2	1	1	7	0	0	0	0	0
7	0	0	0	0	3	9	1	5	3	3	0	0	0	0	0
4	0	0	0	0	2	1	9	4	6	3	0	0	0	0	0
3	0	0	0	0	1	5	4	9	1	4	0	0	0	0	0
2	0	0	0	0	1	3	6	1	9	3	0	0	0	0	0
5	0	0	0	0	7	3	3	4	3	9	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	9	3	2	1	1
14	0	0	0	0	0	0	0	0	0	0	3	9	6	4	5
13	0	0	0	0	0	0	0	0	0	0	0	2	9	2	1
9	0	0	0	0	0	0	0	0	0	0	0	1	4	9	3
15	0	0	0	0	0	0	0	0	0	0	0	1	5	3	9
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FIGURE 3

$$\begin{array}{ccccccc} \text{H}_2\text{N}- & \text{CH}_2- & \text{C}(=\text{O})- & \text{NH}- & \text{CH}_2- & \text{C}(=\text{O})- & \text{NH}- \\ | & | & | & | & | & | & | \\ \text{R}_1 & \text{R}_2 & \text{R}_3 & \text{R}_4 & \text{R}_5 & \text{R}_6 & \text{R}_7 \end{array}$$

```

1EBF_A
sp|P45568|DXR_ECOLI_N-term

1EBF_A
sp|P45568|DXR_ECOLI_N-term

1EBF_A
sp|P45568|DXR_ECOLI_N-term

1EBF_A
sp|P45568|DXR_ECOLI_N-term

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FIGURE 4

10032395 . 123101

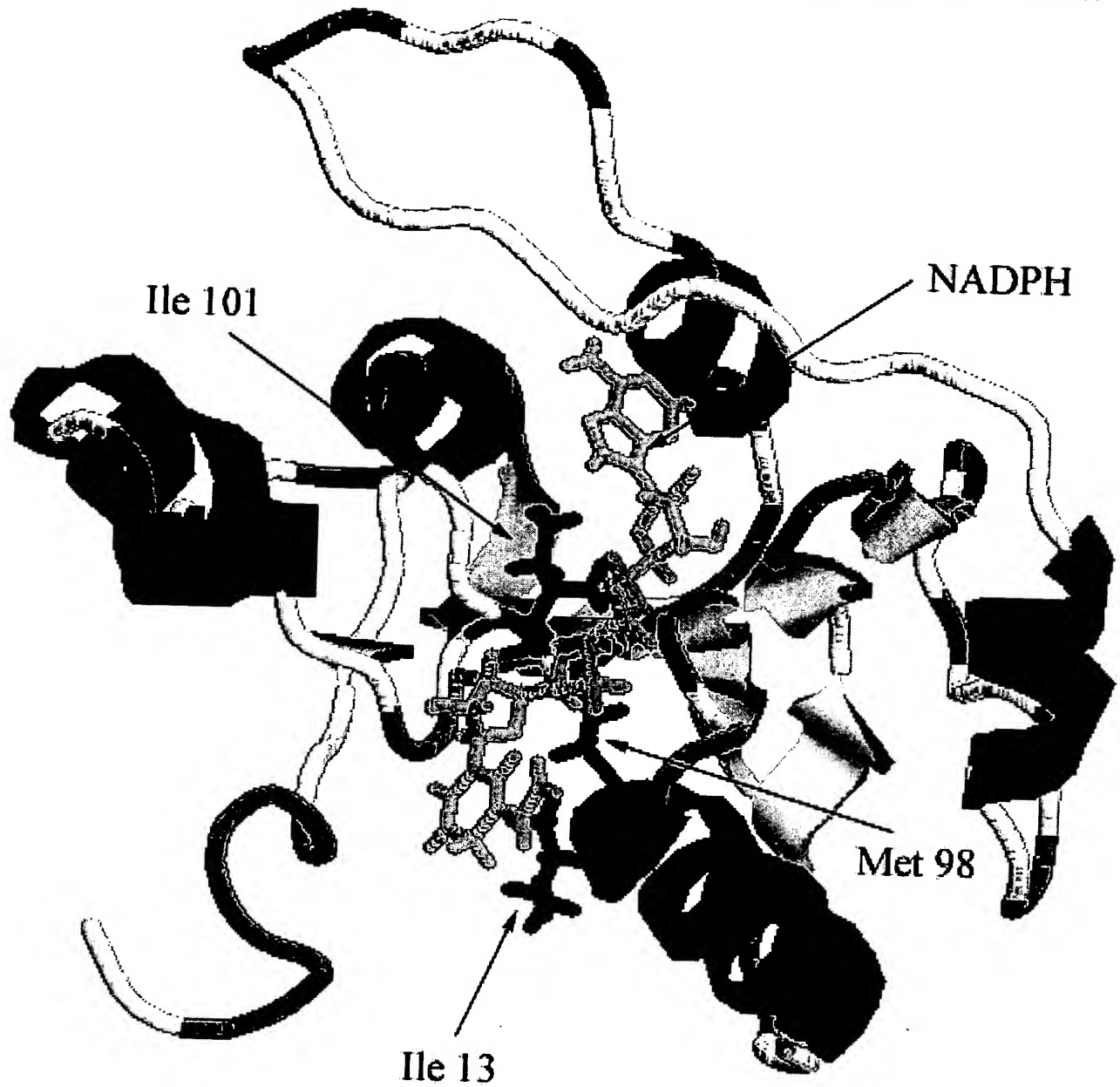


FIGURE 5